



# FEMA



Prepared by  
*Brian Hoeth*

# FEMA Region 6 Weather Threat Briefing

Saturday August 28, 2021

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).



NWSSouthern

[www.weather.gov/srh](http://www.weather.gov/srh)



- **Isolated heavy rain/flooding possible across S LA and portions of NM today.**
- **Ida will make landfall as a major hurricane along the Louisiana coast on Sunday.**
  - **Life threatening storm surge, hurricane force winds, and heavy rain/flooding for the LA coast Sunday into early Monday.**
  - **Inland wind/flood potential for LA late Sunday/Monday.**
  - **A few brief tornadoes for LA Sunday/Monday.**
  - **Isolated inland flood potential for E AR Monday/Tuesday.**

# FEMA Region 6 Threat Matrix

Aug 28, 2021 - Sep 1, 2021



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DAY / THREAT	Sat	Sun	Mon	Tue	Wed
Severe Storms		LA	LA		
Heavy Rain / Flash Flooding	NM S LA	LA	LA	E AR	
			E AR		
Fire Weather					
Tropical Winds / Surge		LA	LA		
Heat					
River Flooding		LA	LA	LA	LA

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.\**

*For more details on the colors in the threat matrix refer to the last slide in this briefing.*



# Tropical Weather Outlook – Atlantic/Gulf



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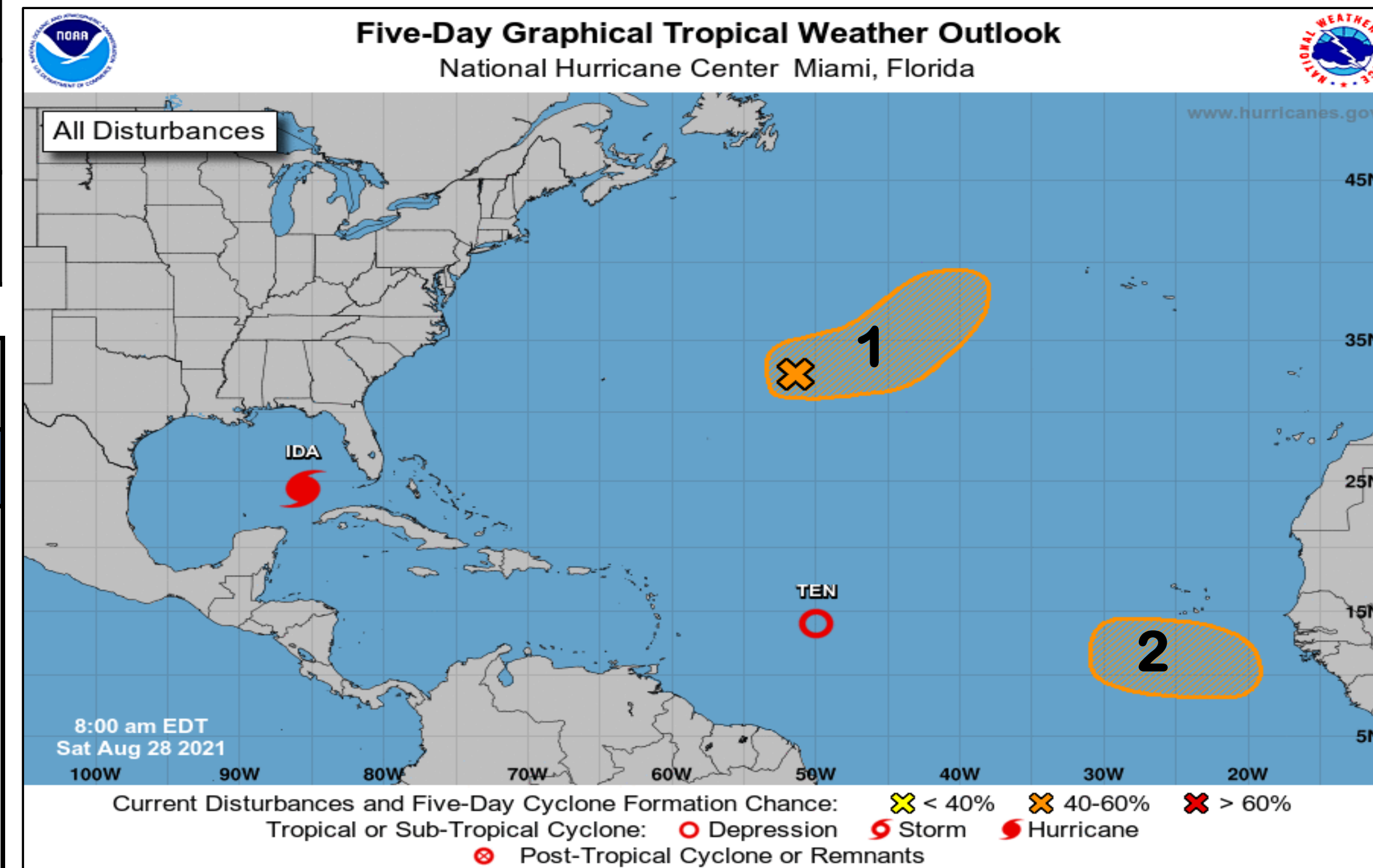
See next slide for more information on Ida

## Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	Medium	None.
2	Medium	None in the next 5 days.

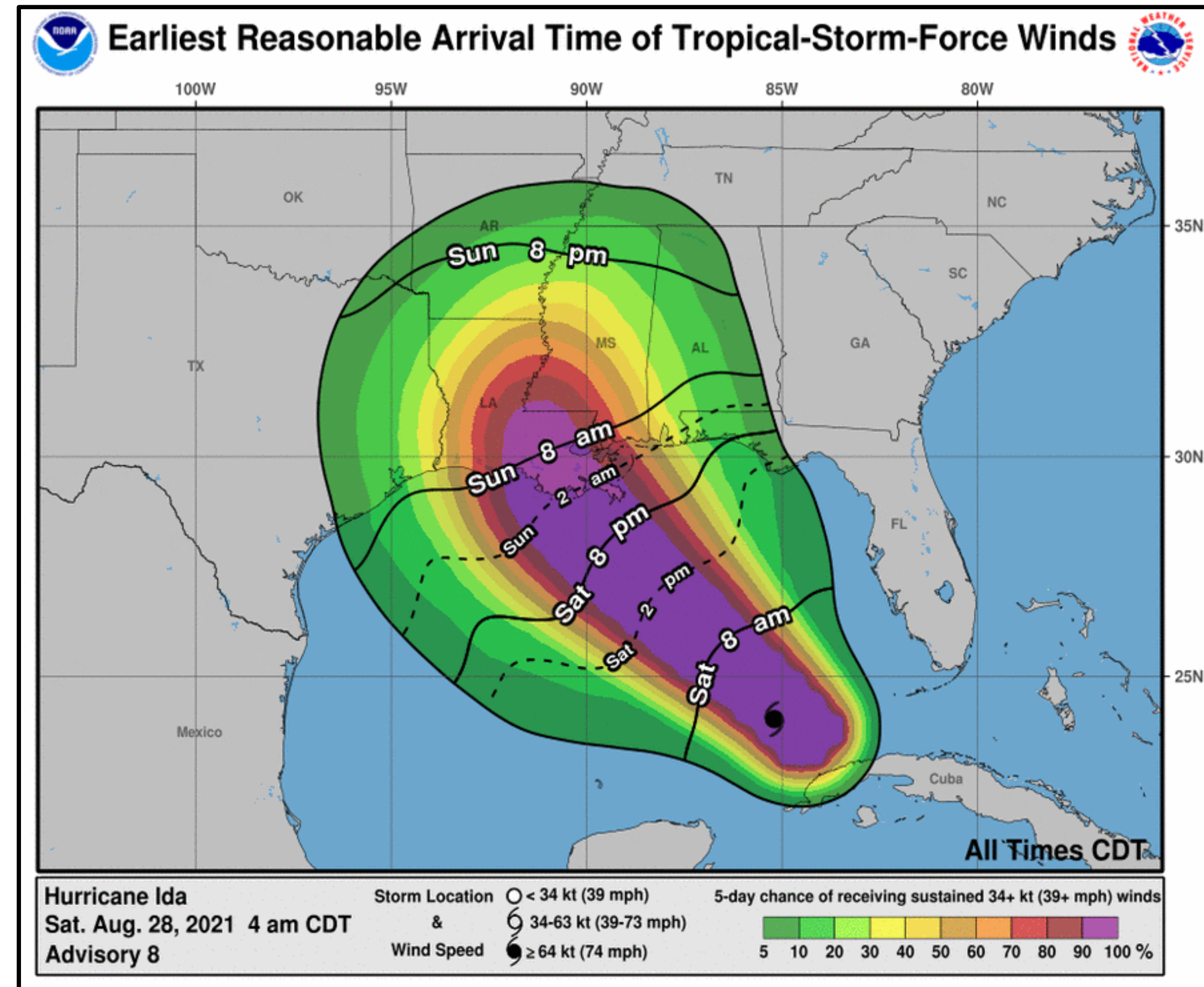
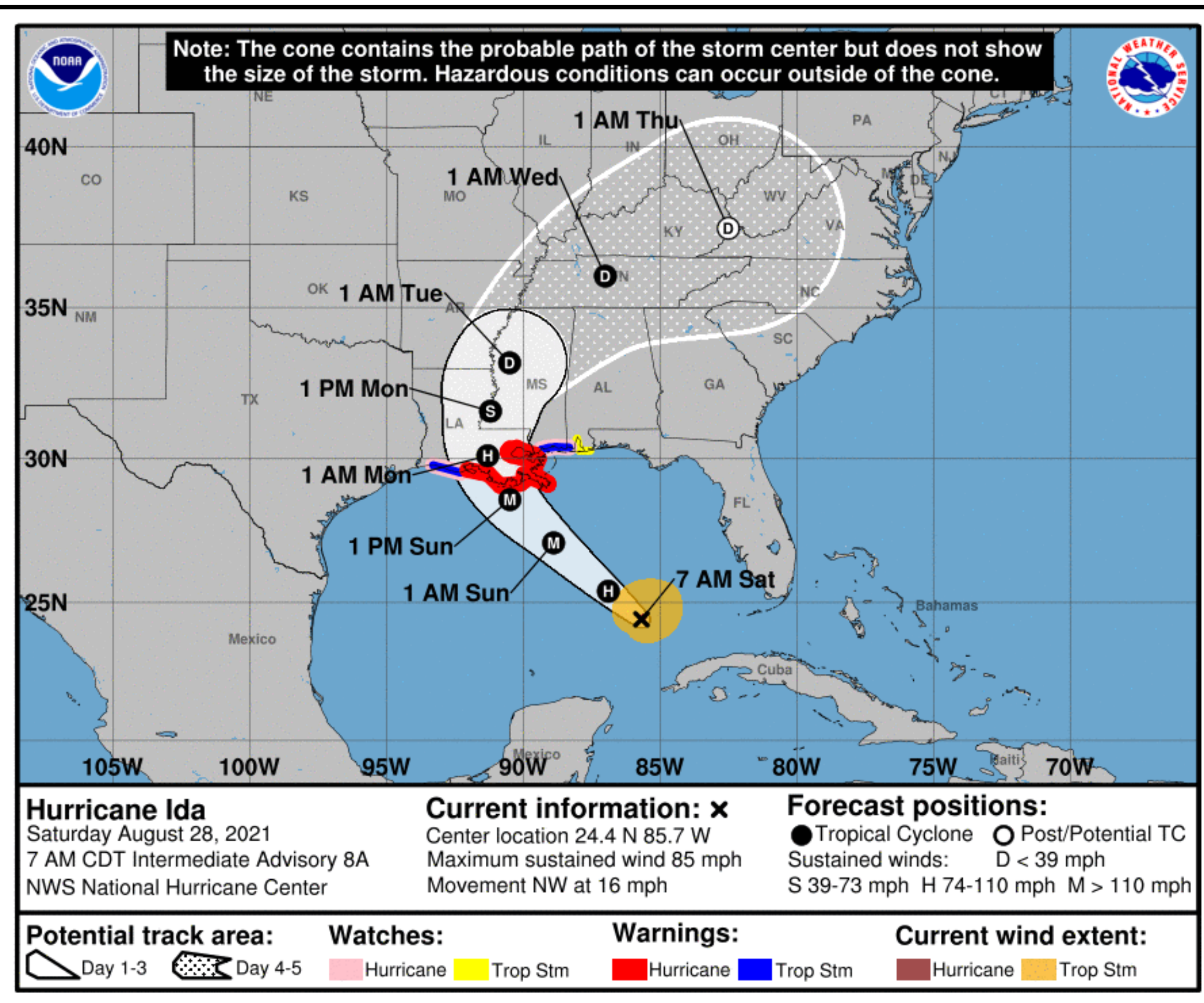
## Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
Ida	Life threatening storm surge, hurricane force winds, and heavy rain/flooding for the LA coast Sun. Inland wind/flood potential for LA late Sun/Mon. A few brief tornadoes for LA Sun/Mon. Isolated inland flood potential for E AR Mon/Tue.
Ten	None.



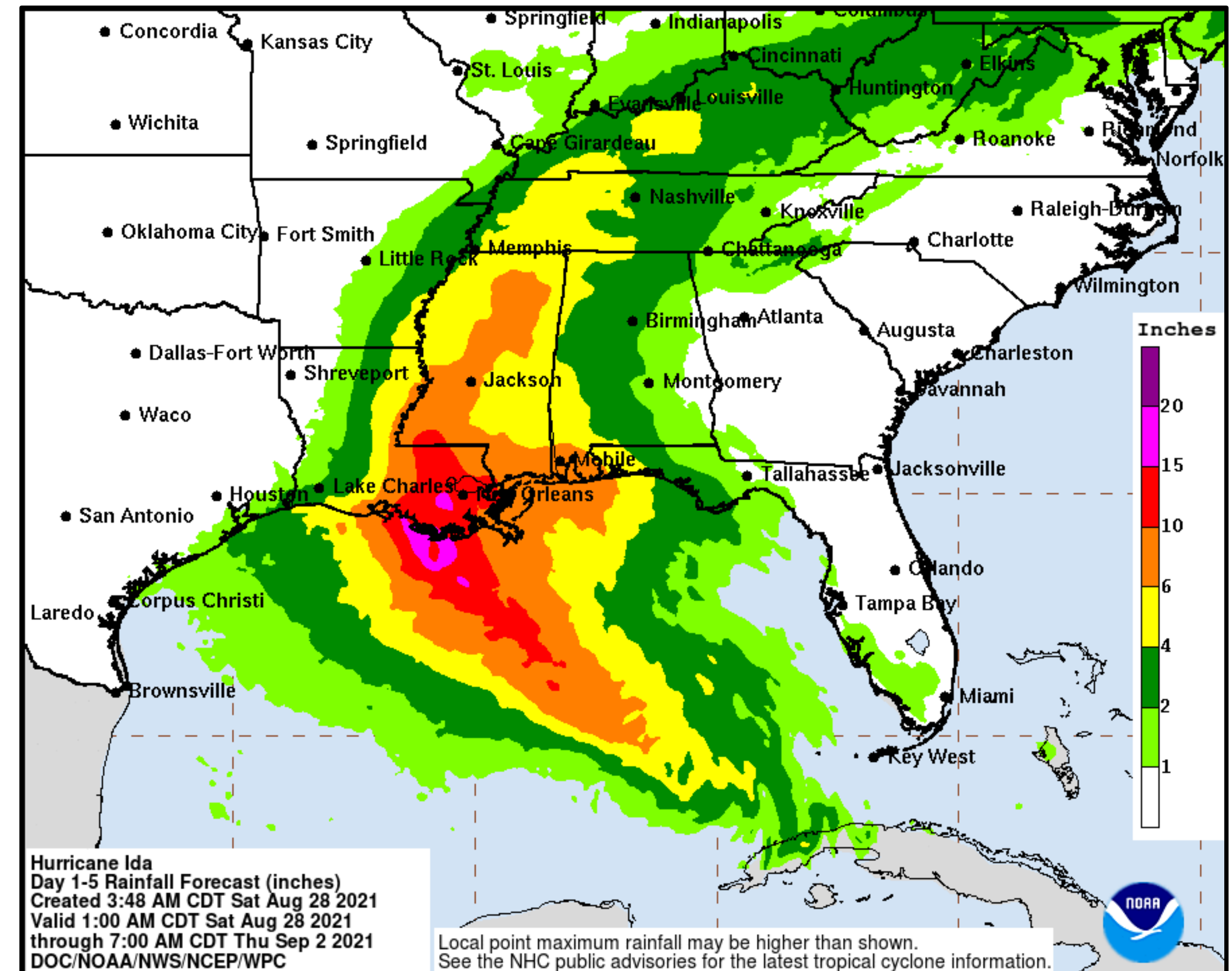
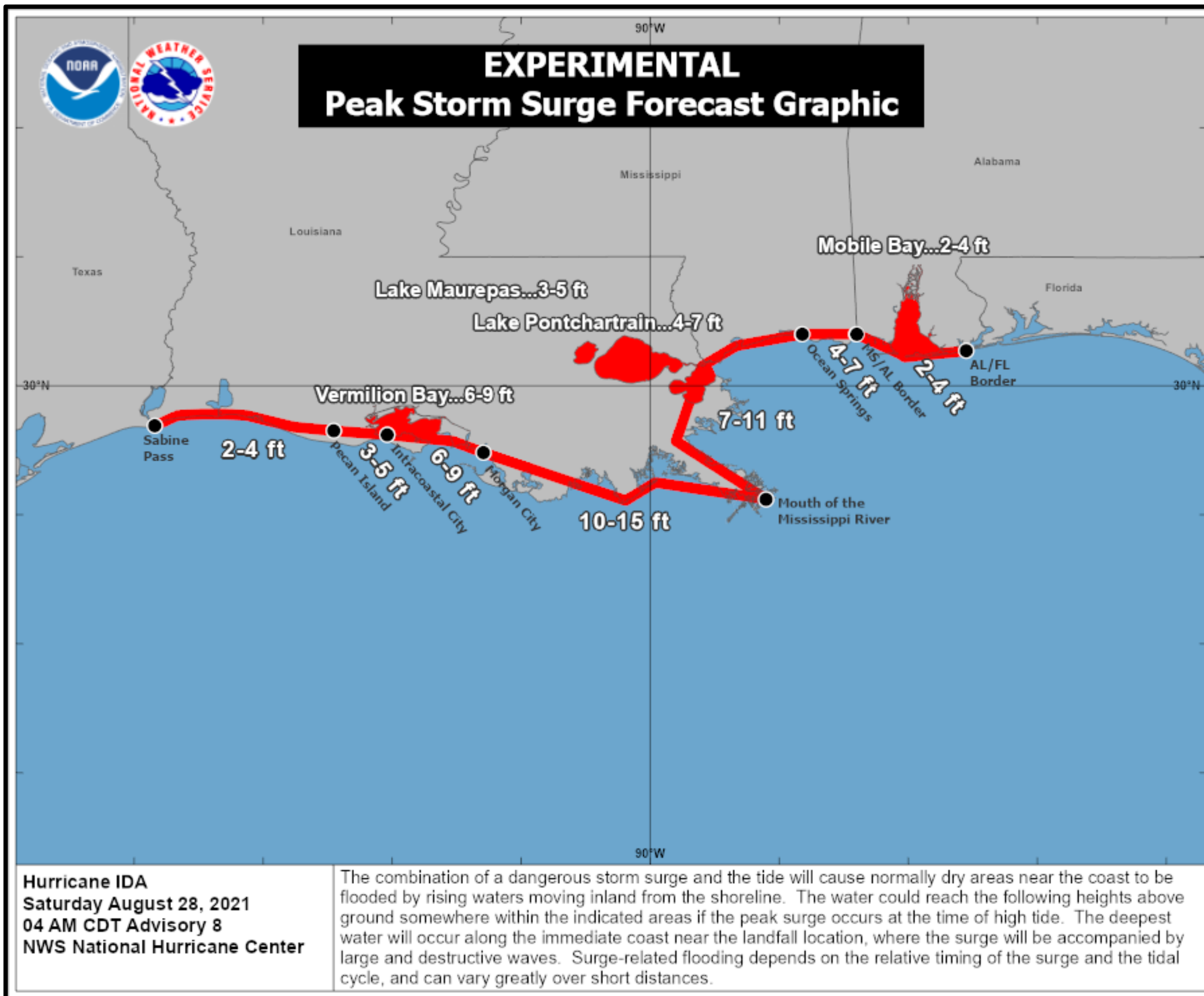


Ida will make landfall as a major hurricane along the Louisiana coast on Sunday. Hurricane force winds for the LA coast Sunday with inland tropical storm to hurricane force wind potential for Louisiana on Monday.





**Ida will make landfall as a major hurricane along the Louisiana coast on Sunday and move inland across eastern Louisiana and Arkansas on Monday. Life threatening storm surge and heavy rain/flooding for the LA coast Sunday into early Monday. Inland flood potential for Louisiana late Sunday through Monday. Isolated inland flood potential for E AR Tuesday.**







## Hurricane Ida 7-Day Flood Hazard Outlook (Prototype)

Includes General Flash and River Flood Hazards

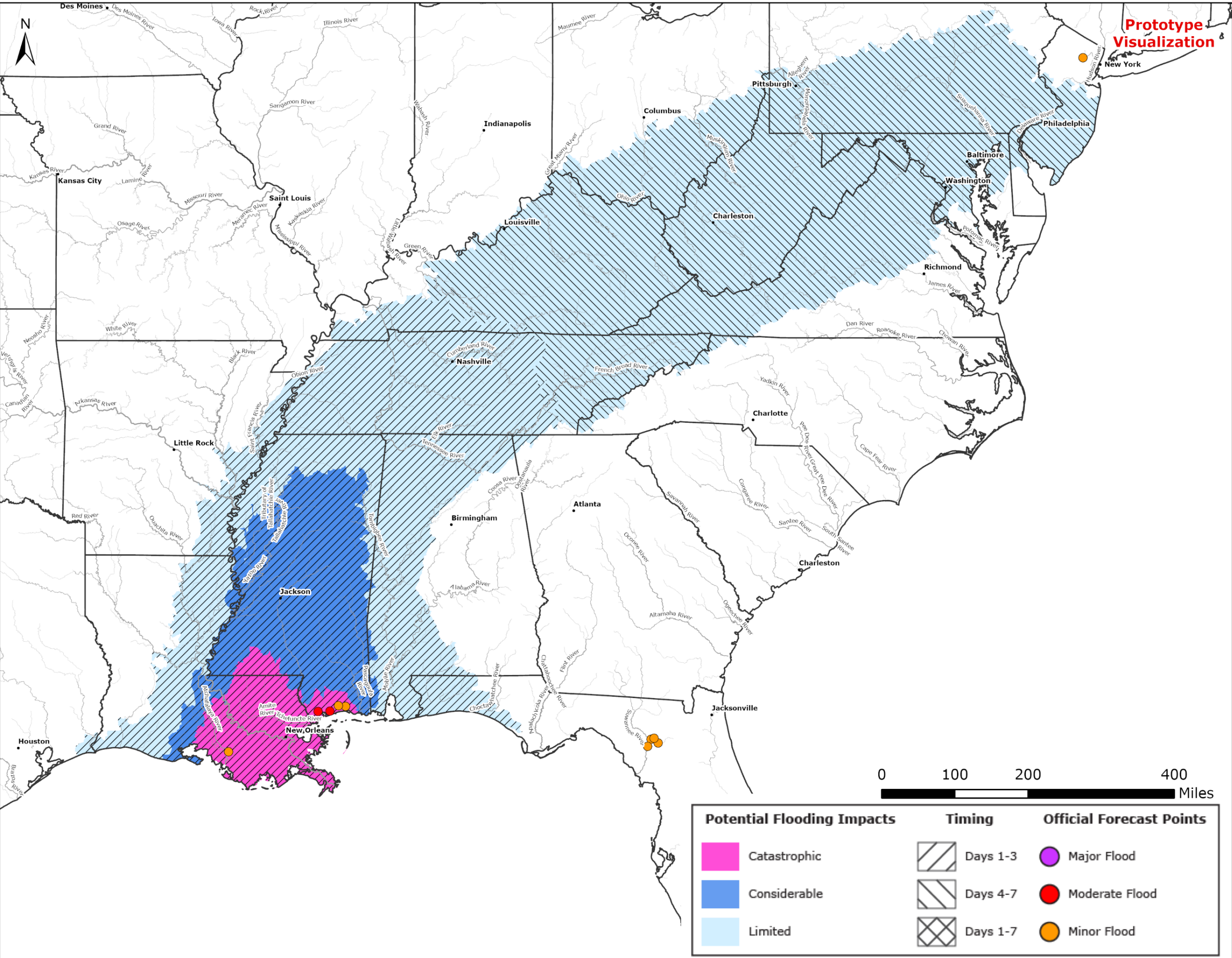
NWC National Water Center

Issued: 2021-08-28 6:30 AM CDT (11:30 UTC) | Valid Through: 2021-09-04 6:30 AM CDT (11:30 UTC) | Next Issuance: 2021-08-28 4:00 PM CDT (21:00 UTC)

### Flood Hazard Messages

- Catastrophic flash and riverine flooding is possible Sunday through Monday in southeastern Louisiana, and coastal Mississippi in response to 8 to 16 inches of rainfall, with isolated amounts of 20 inches from Hurricane Ida.
- Considerable flash and riverine flooding impacts are expected across inland portions of Louisiana and Mississippi Sunday through Monday.
- The National Hurricane Center (NHC) is forecasting the possibility of dangerous, life-threatening inundation from storm surge along the central Gulf Coast. For a depiction of areas at risk, please see the Storm Surge Watch/Warning graphic available at hurricanes.gov.
- Across the Lower Mississippi Valley and into the Tennessee Valley, flash and riverine flooding impacts are likely Monday through Tuesday in response to 4 to 8 inches of heavy rainfall.
- In the Southern Appalachians into the Mid-Atlantic, limited flash and riverine flood impacts are possible from Wednesday through the end of the week.

**Disclaimer:** This graphic is intended to provide a general flash and river flood hazard outlook. It is not intended to depict coastal flood risk due to storm surge. Please refer to the detailed products issued by local National Weather Service offices for official forecasts and warnings ([www.weather.gov](http://www.weather.gov)).



About this product: [https://nws.weather.gov/products/PDD/PDD\\_PrototypeFloodHazardOutlookProduct\\_2021.pdf](https://nws.weather.gov/products/PDD/PDD_PrototypeFloodHazardOutlookProduct_2021.pdf) | To provide feedback: [https://nws.weather.gov/products/PDD/PDD\\_PrototypeFloodHazardOutlookProduct\\_2021.pdf](https://nws.weather.gov/products/PDD/PDD_PrototypeFloodHazardOutlookProduct_2021.pdf)



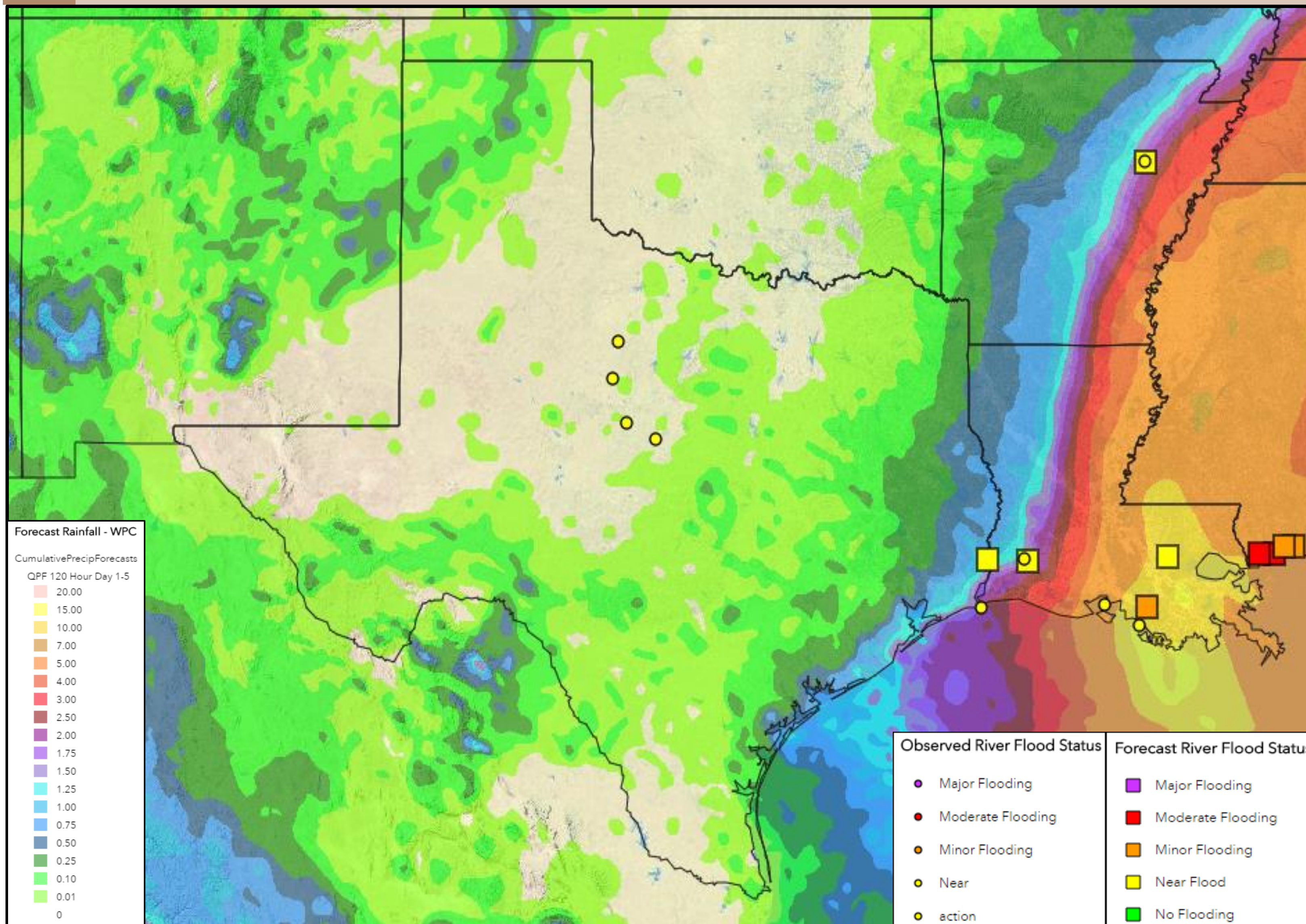
# 5-Day Precipitation Forecast & River Flood Status



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*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*

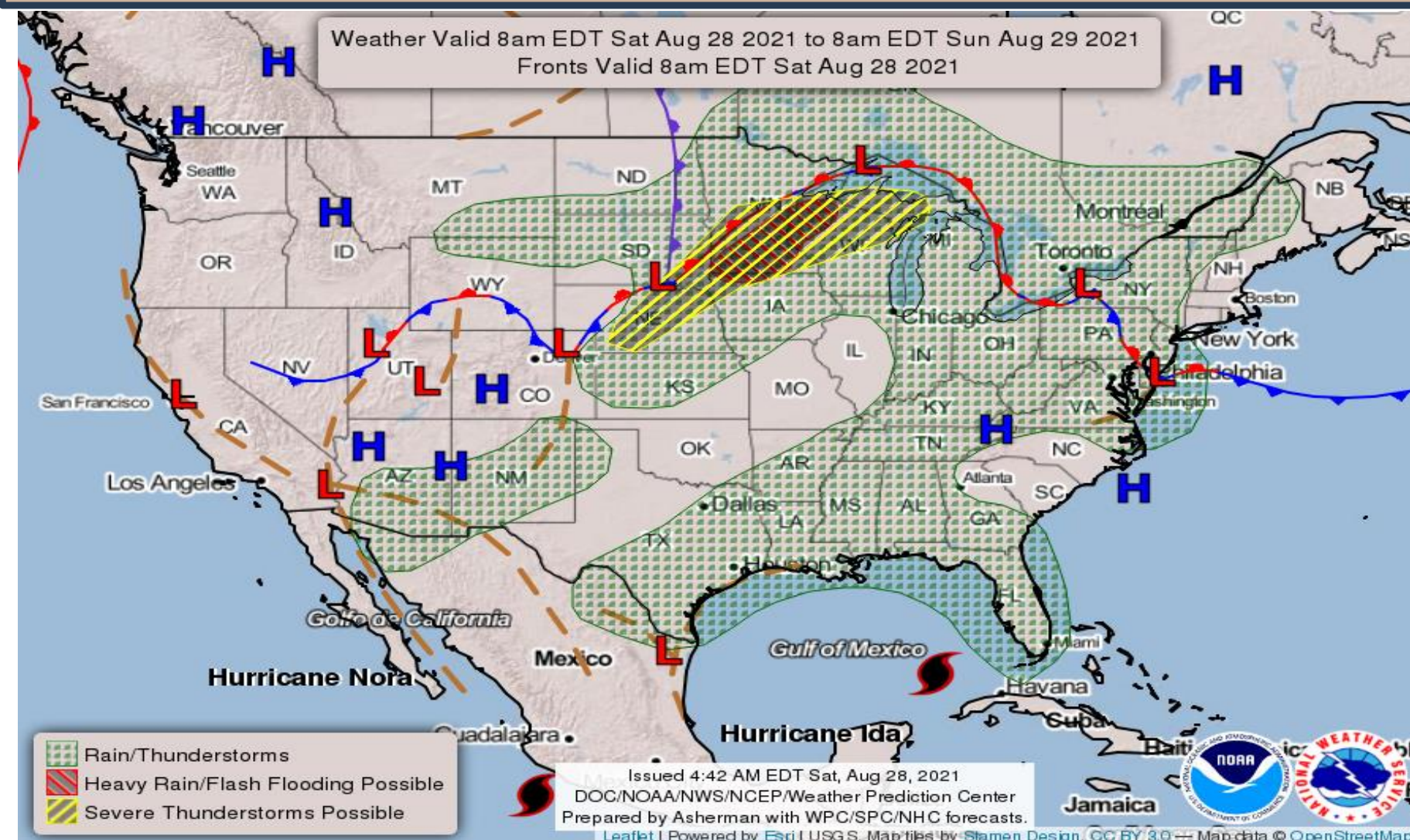
**Rainfall from Ida will cause minor to moderate river flooding across portions of LA beginning Sunday.**



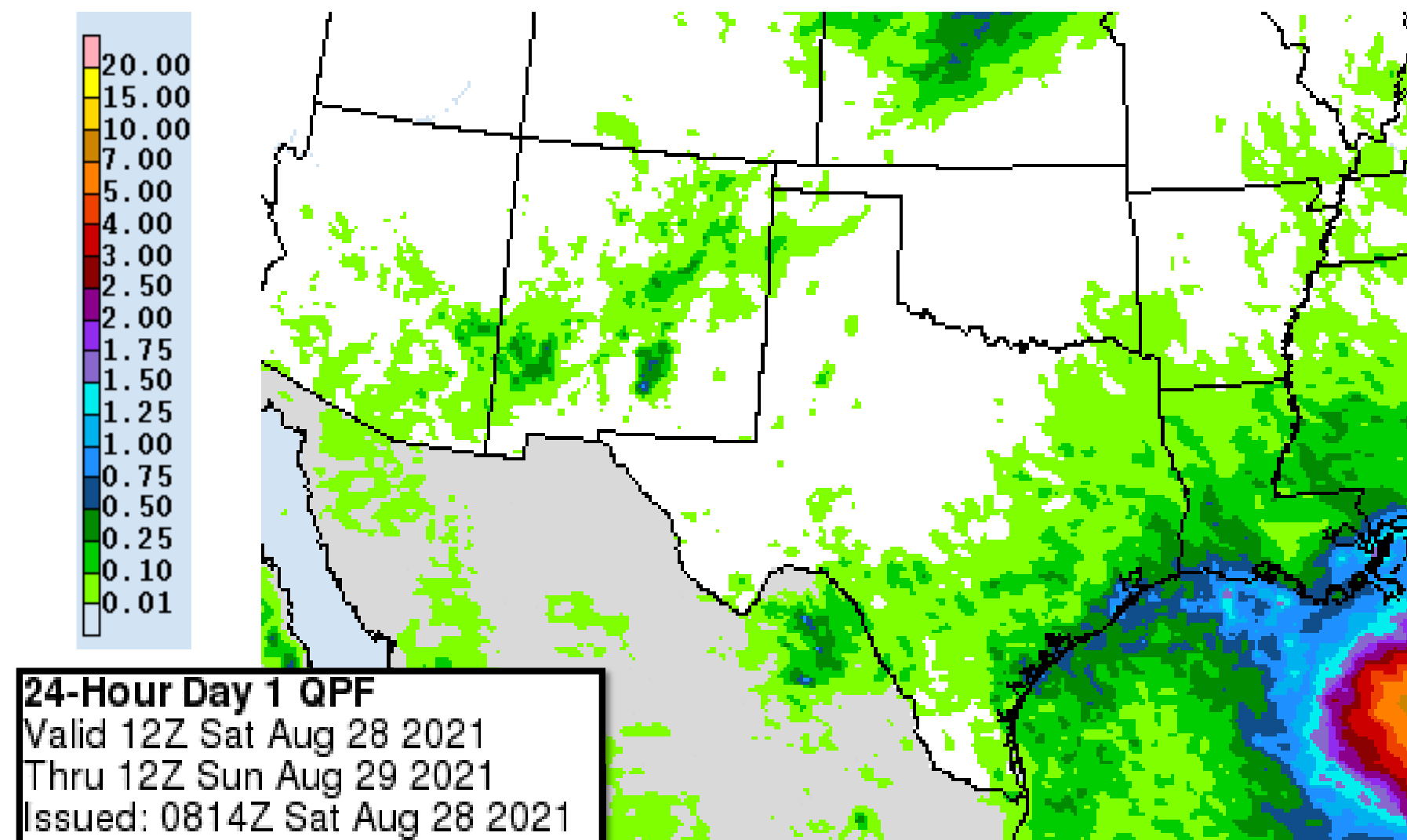


# Today's Weather

## Forecast Chart

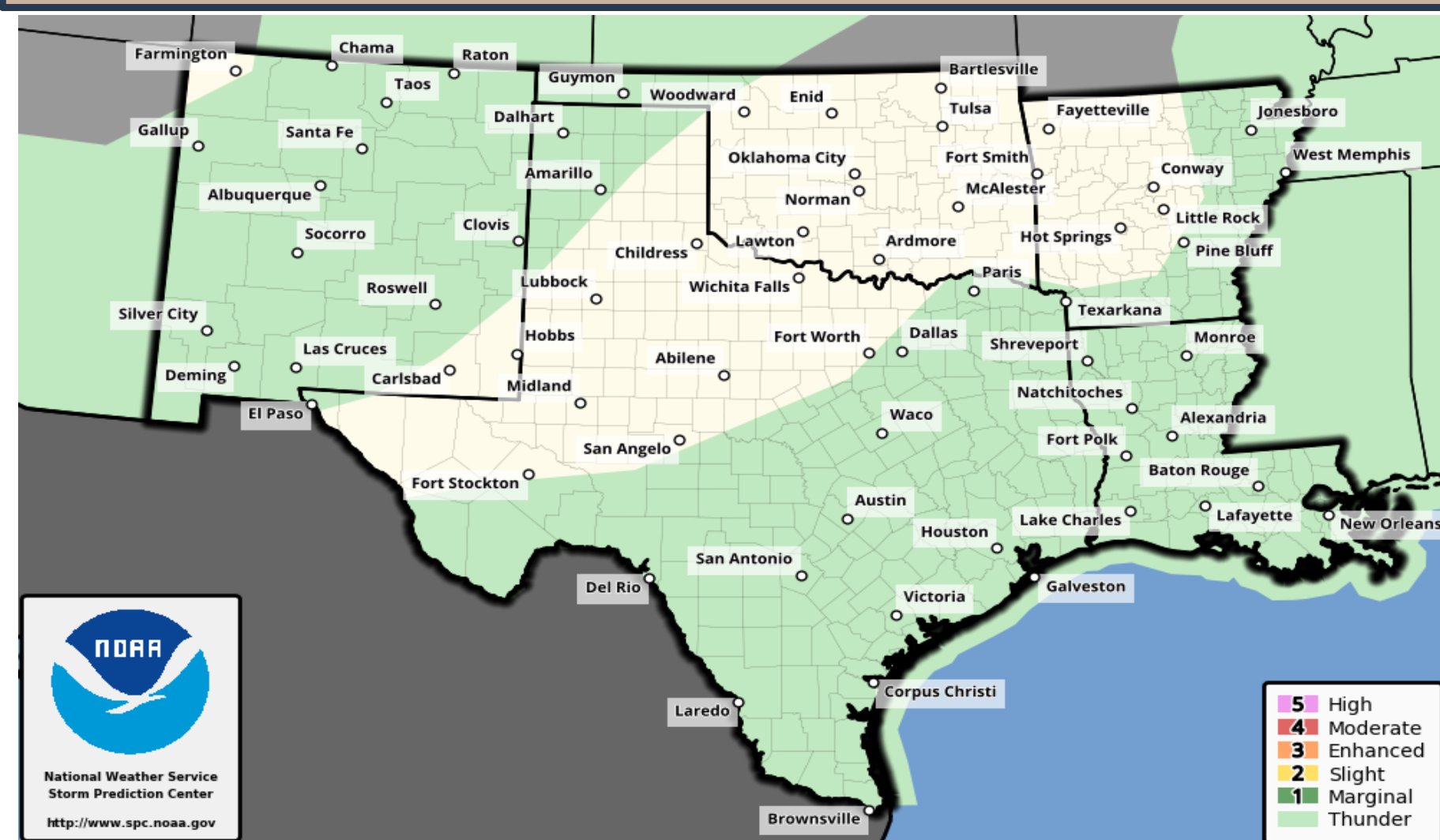


## Forecast Rainfall

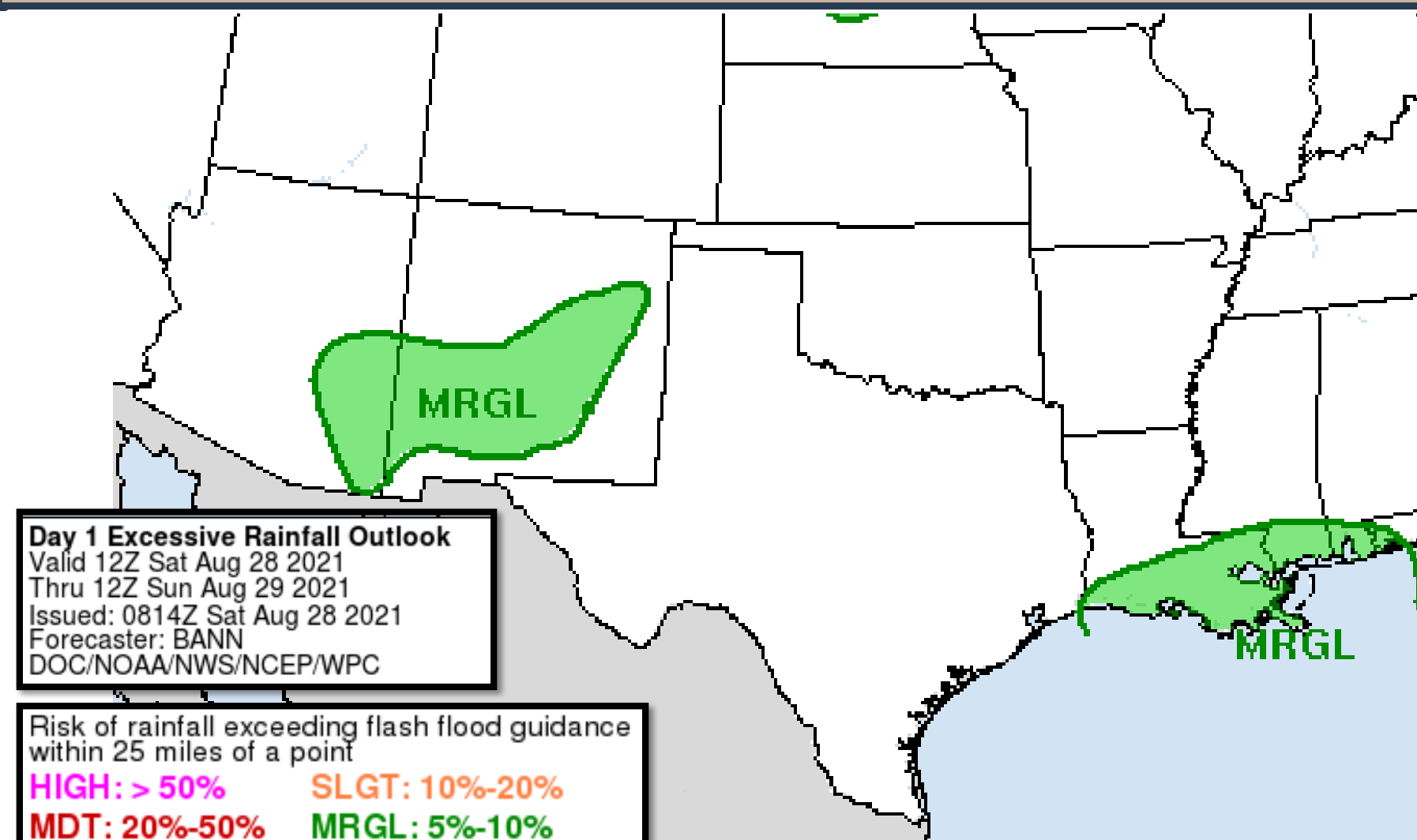


Isolated heavy rain/flash flooding across S LA and NM.

## Severe Weather Outlook



## Excessive Rainfall Outlook



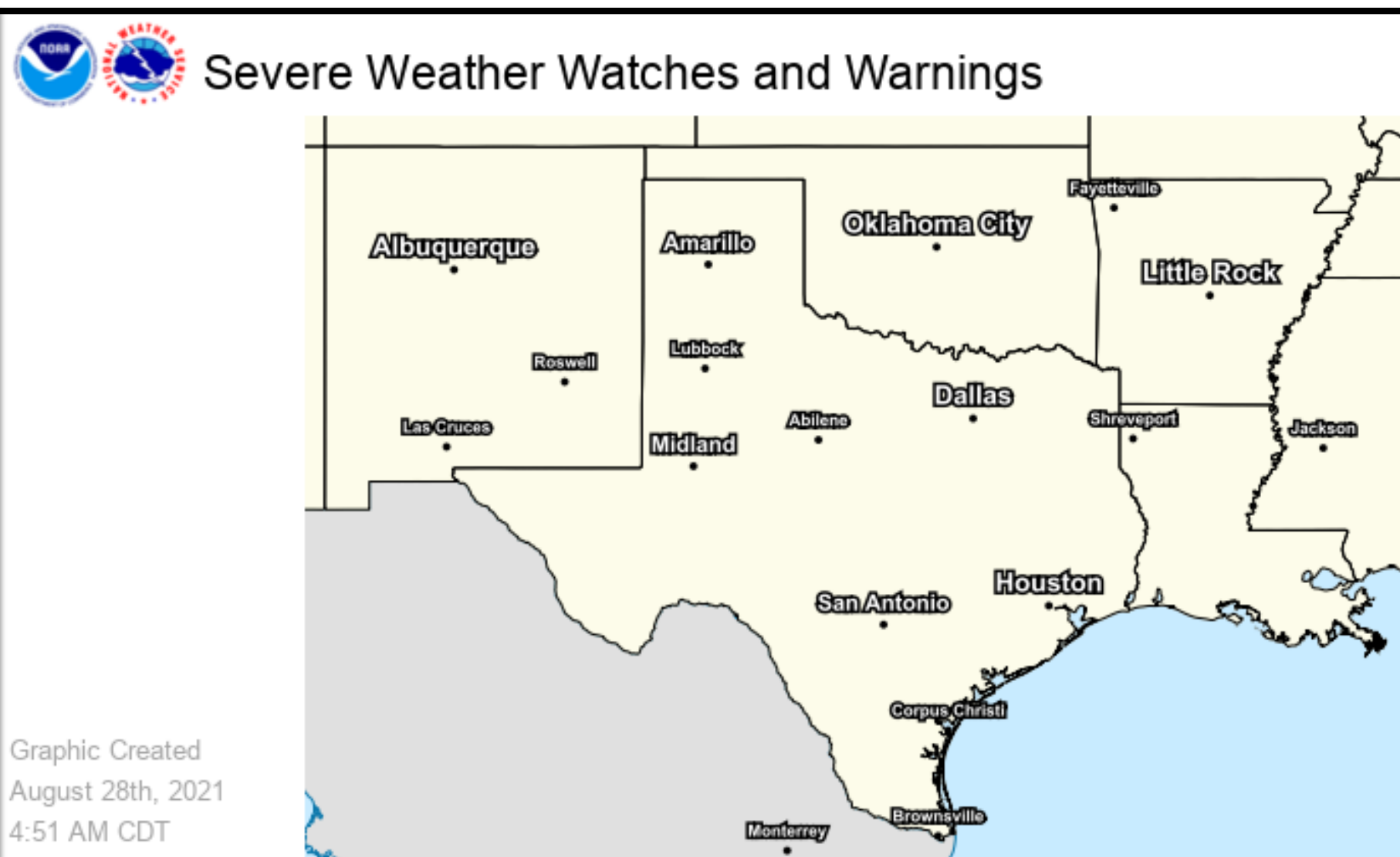


# Watches, Warnings, and Advisories

Wind, Severe, Winter, and Flood Hazards



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**Flash Flood Watches for  
Louisiana.**



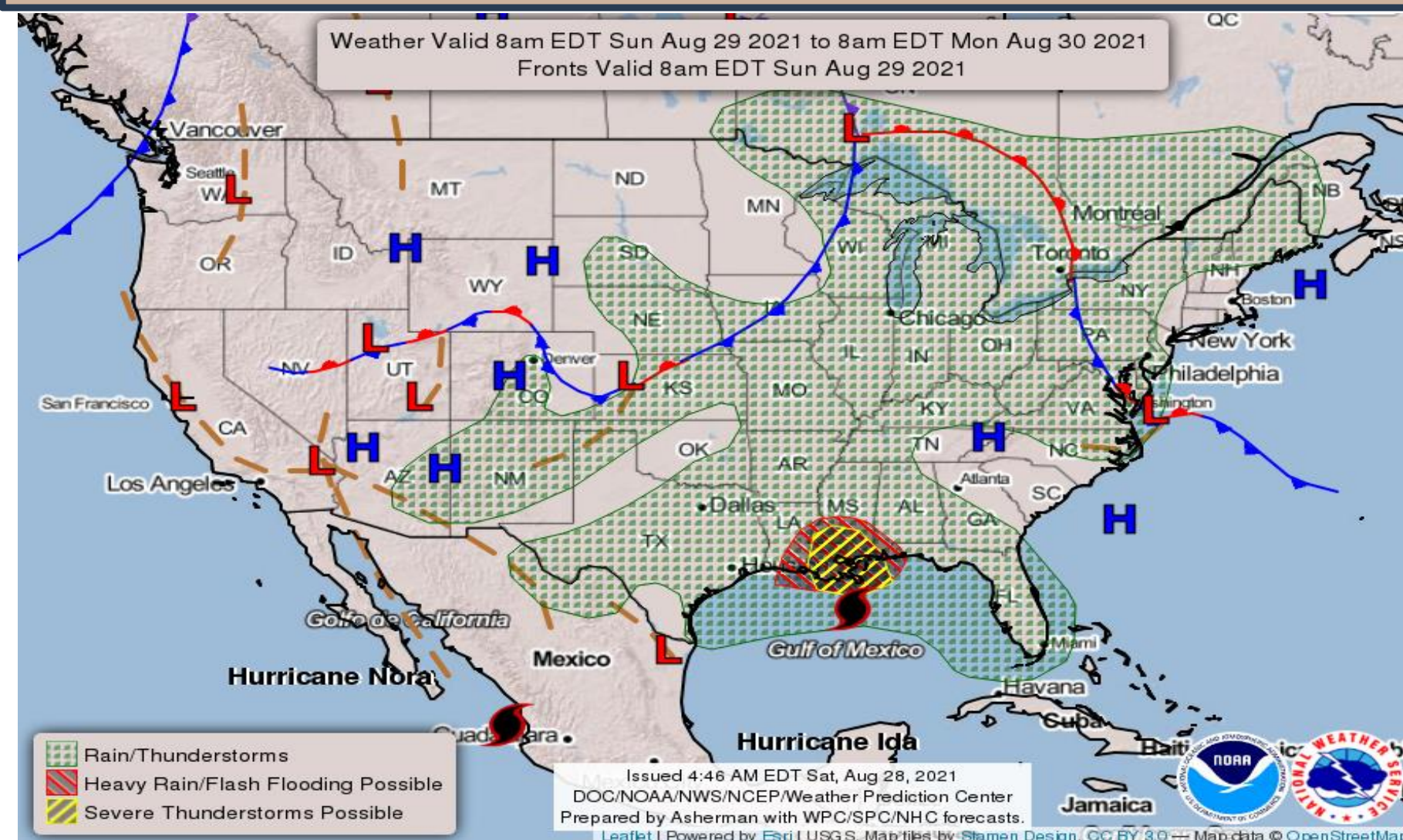


# Tomorrow's Weather

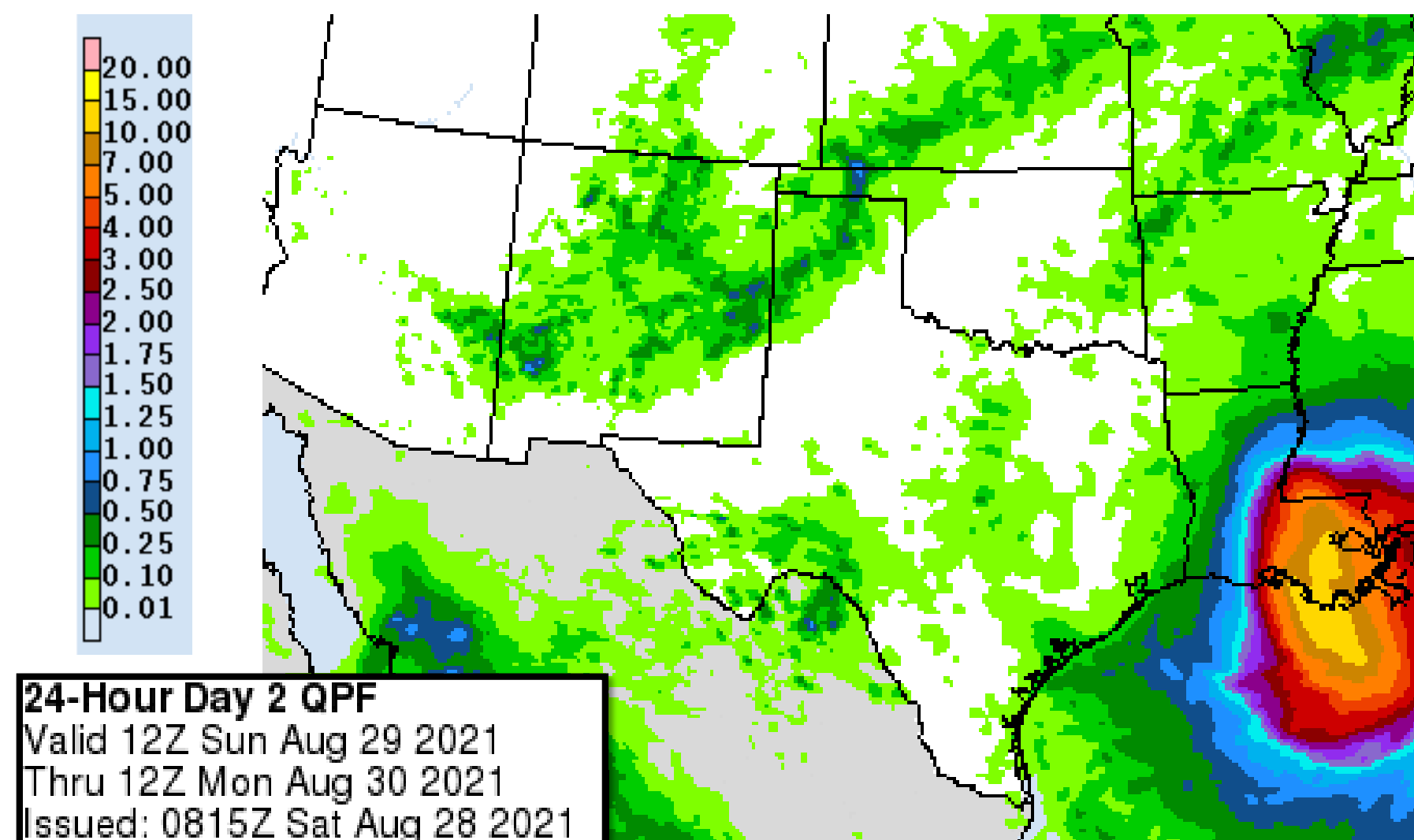


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## Forecast Chart



## Forecast Rainfall

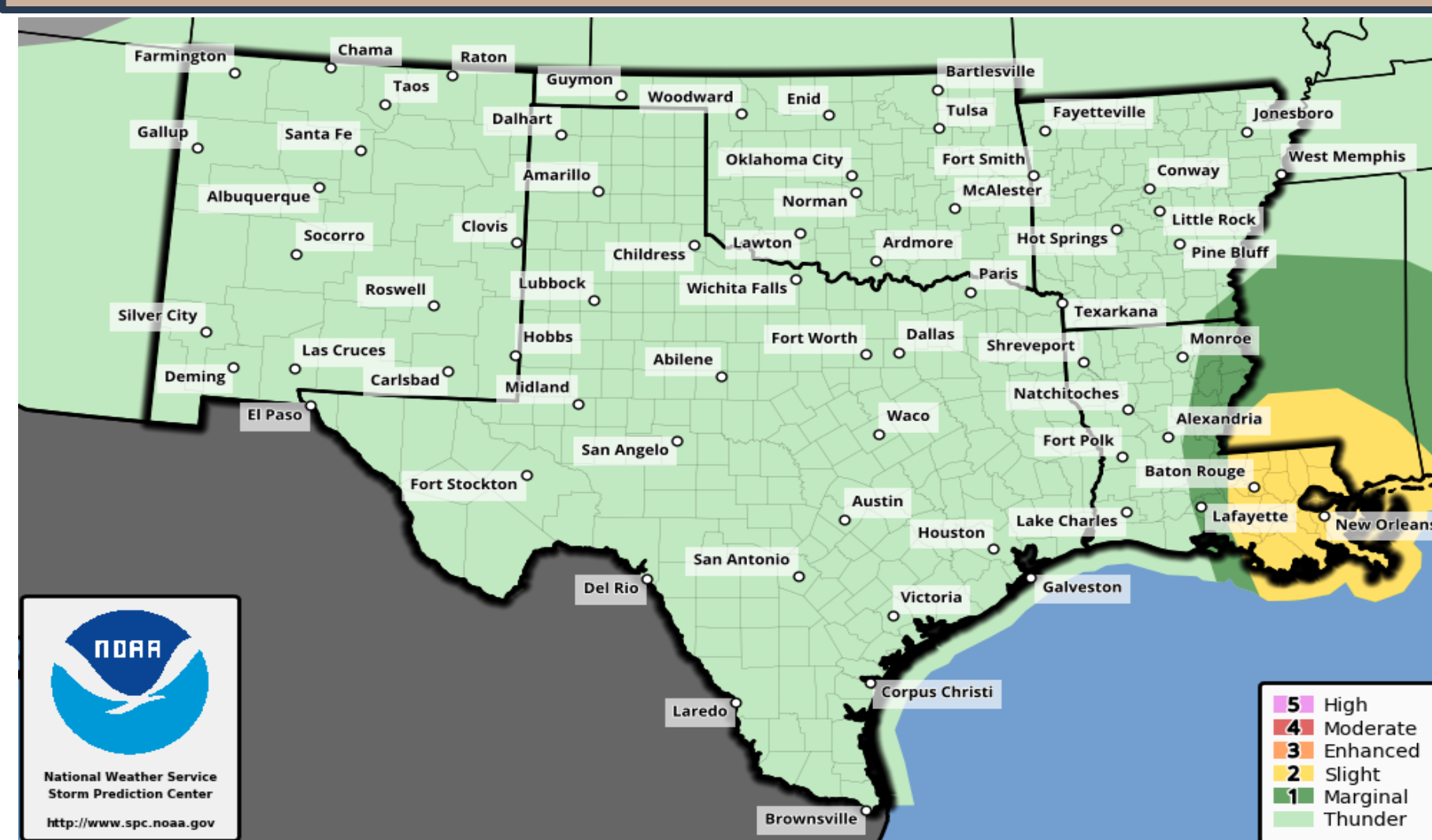


Life threatening storm surge,  
hurricane force winds, and  
heavy rain/flooding for the LA  
coast.

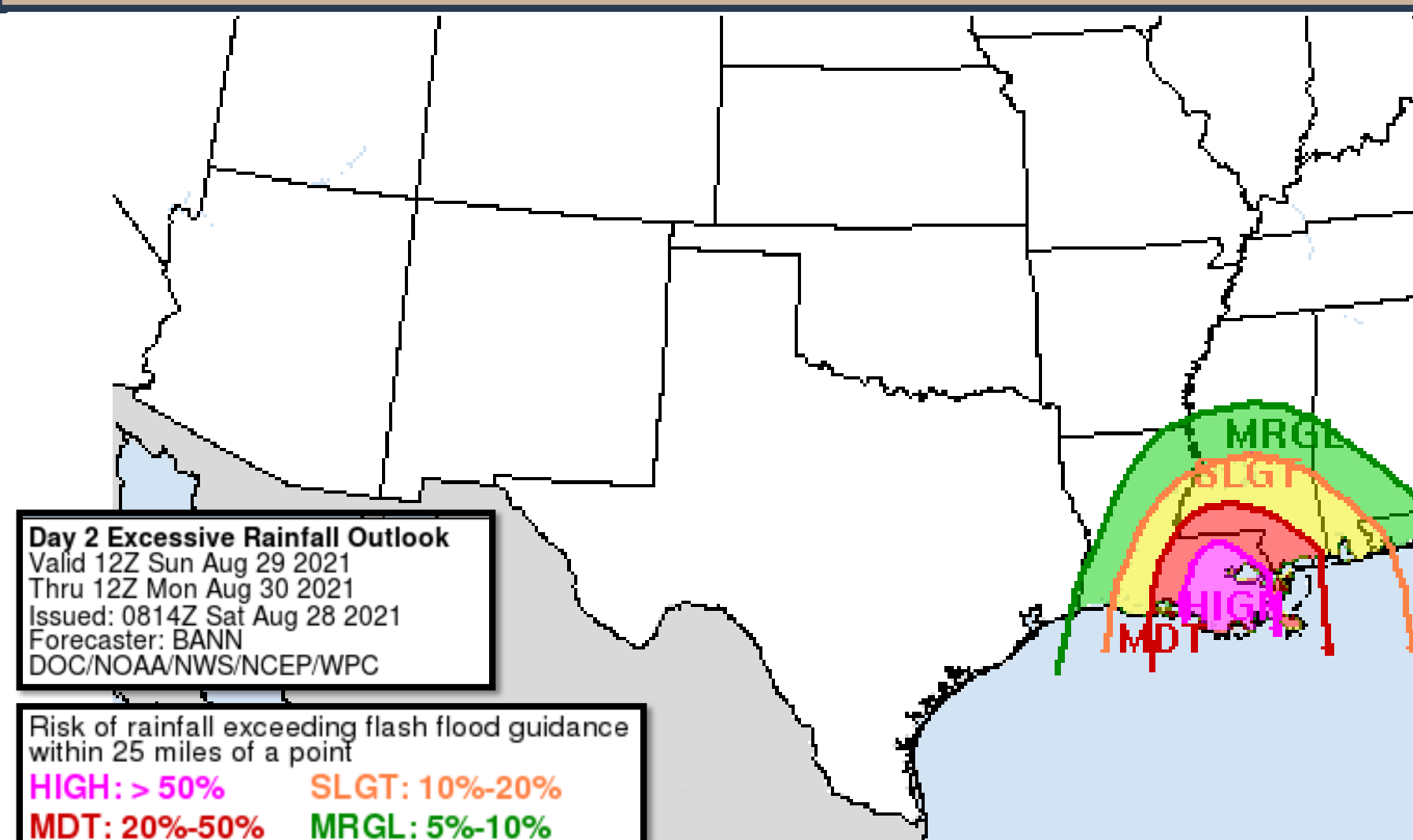
Wind and heavy rain/flood  
potential also for inland LA  
late Sunday.

Brief tornadoes possible across  
E LA.

## Severe Weather Outlook



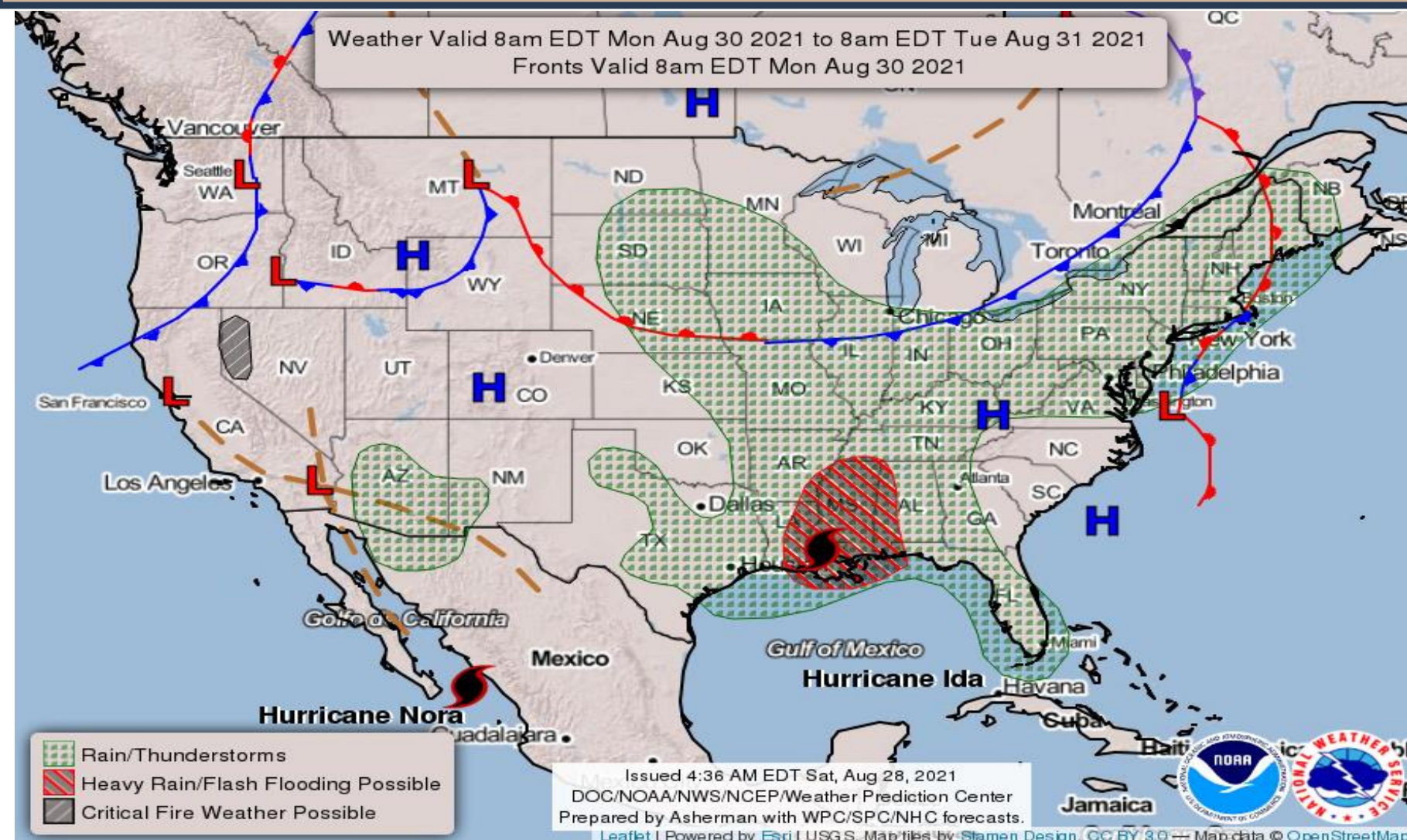
## Excessive Rainfall Outlook



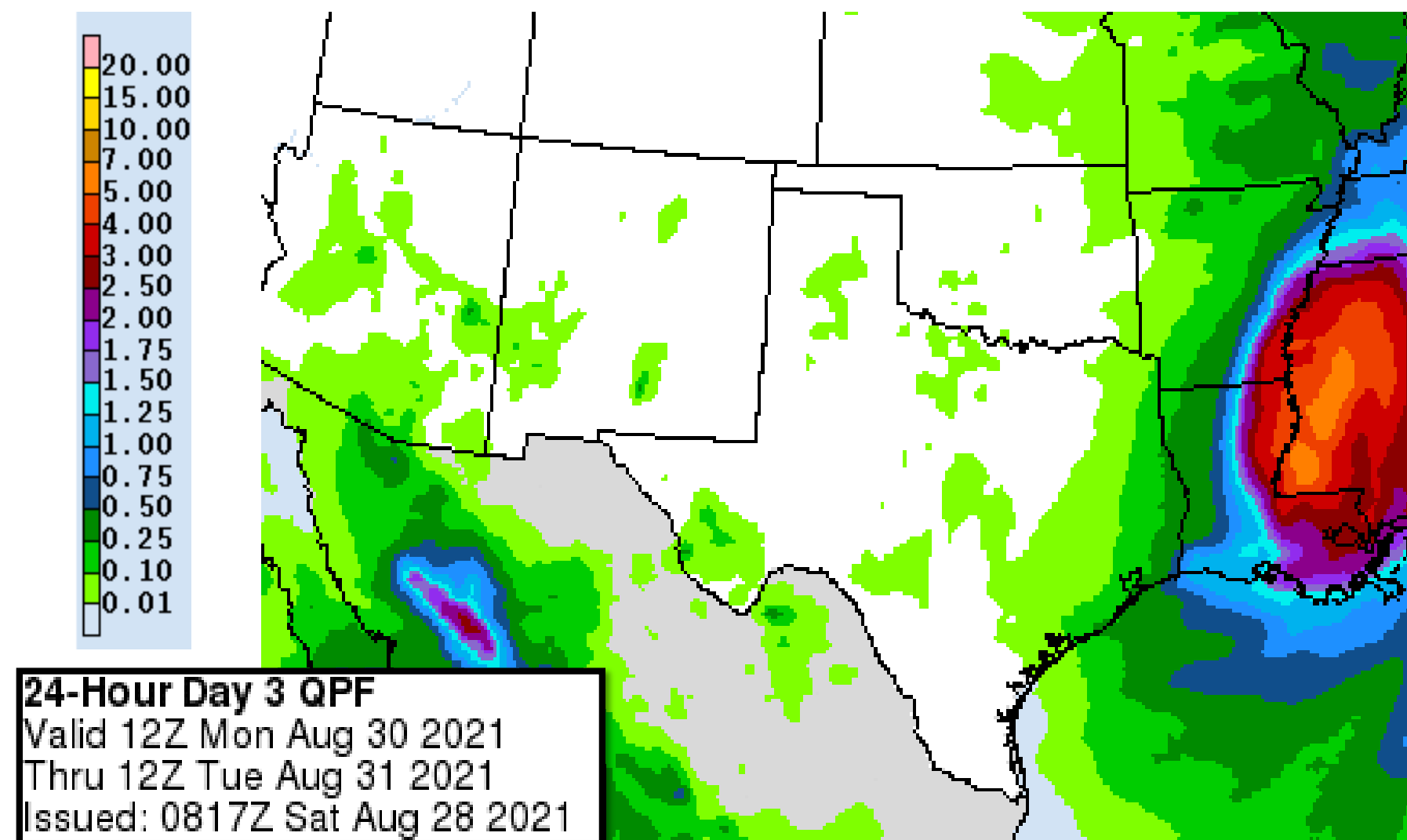


# Monday's Weather

## Forecast Chart



## Forecast Rainfall

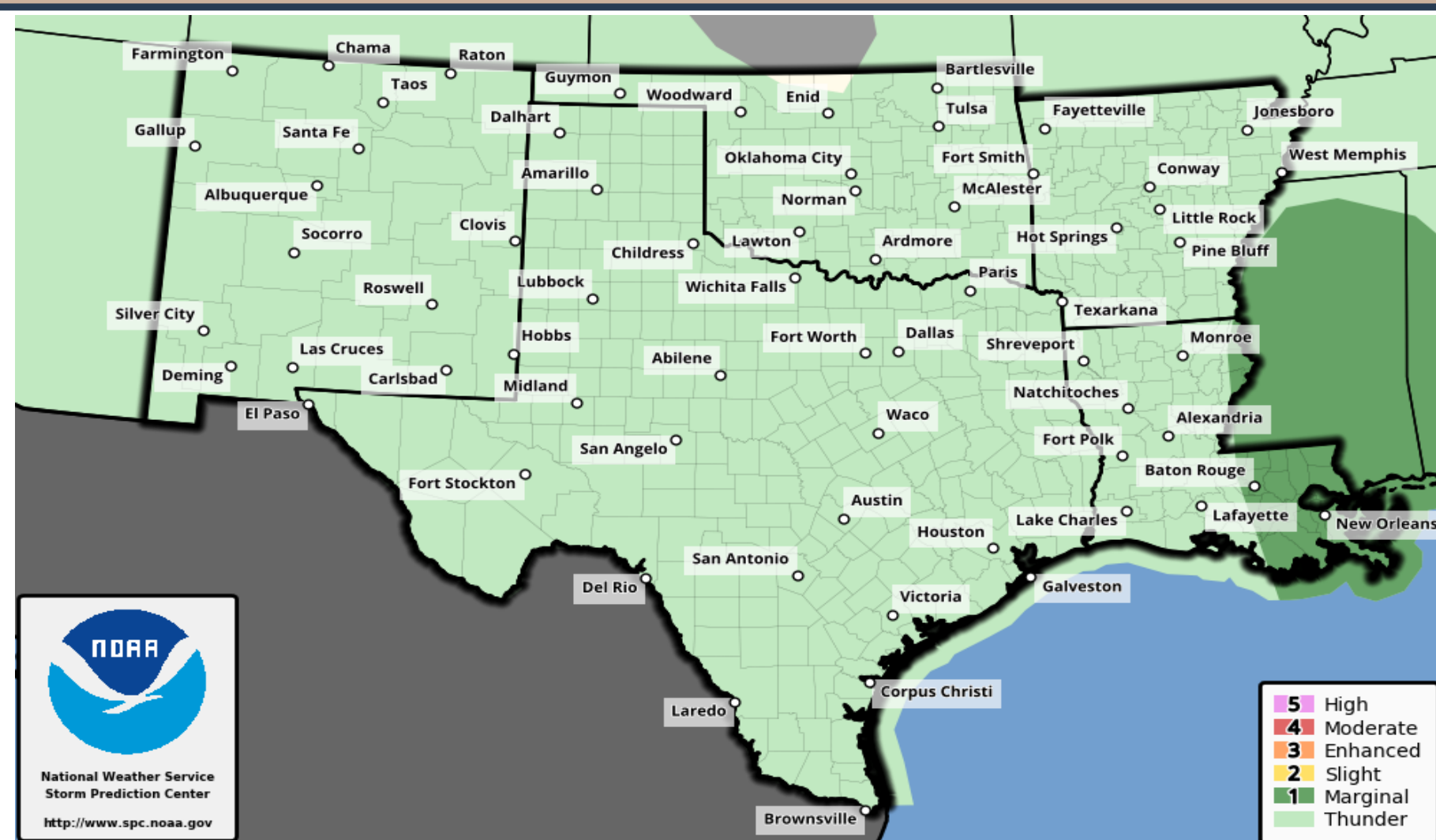


Heavy rainfall/flash flooding continues on Monday across LA.

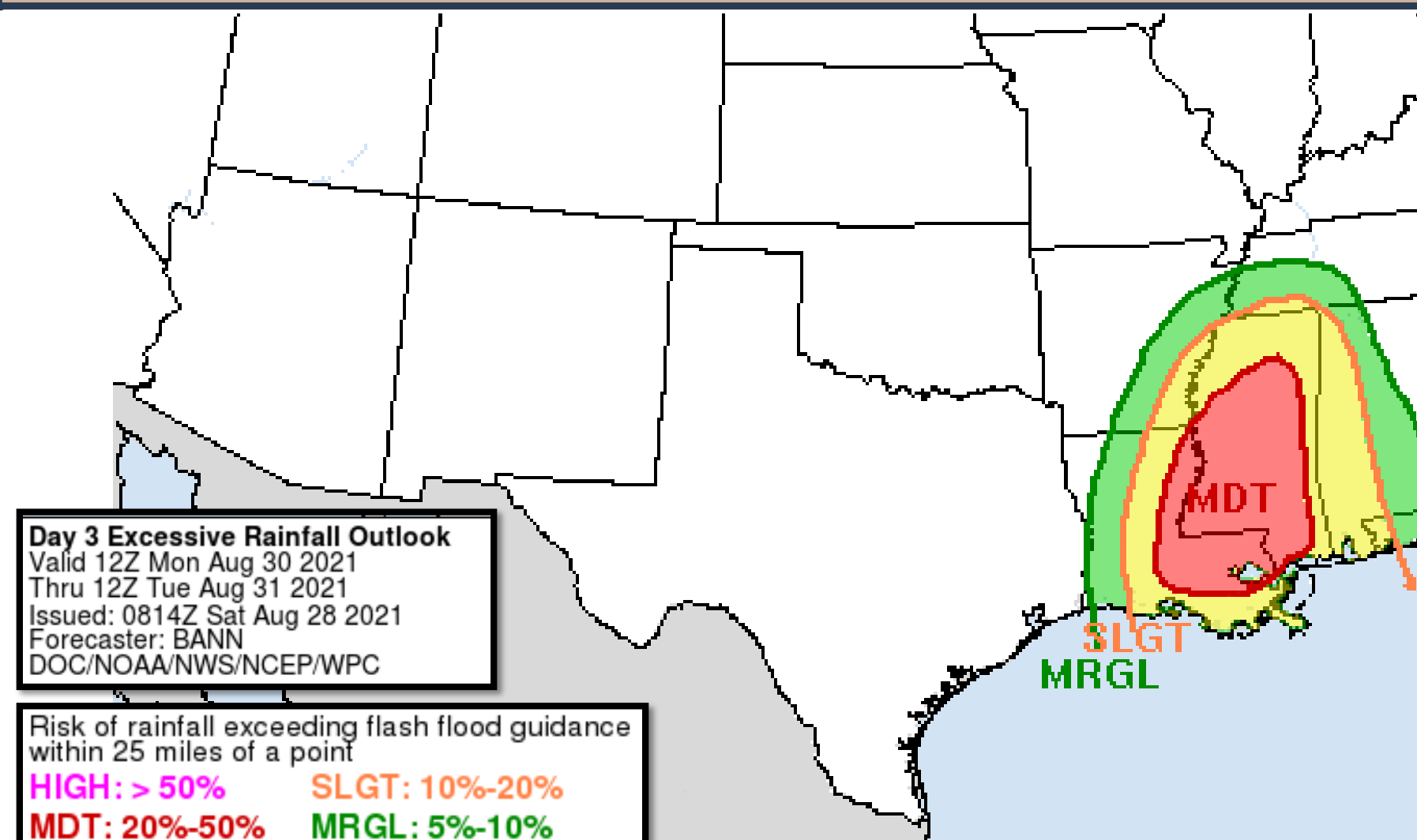
Brief tornadoes possible across E LA.

Isolated heavy rain/flash flood potential for E AR.

## Severe Weather Outlook



## Excessive Rainfall Outlook





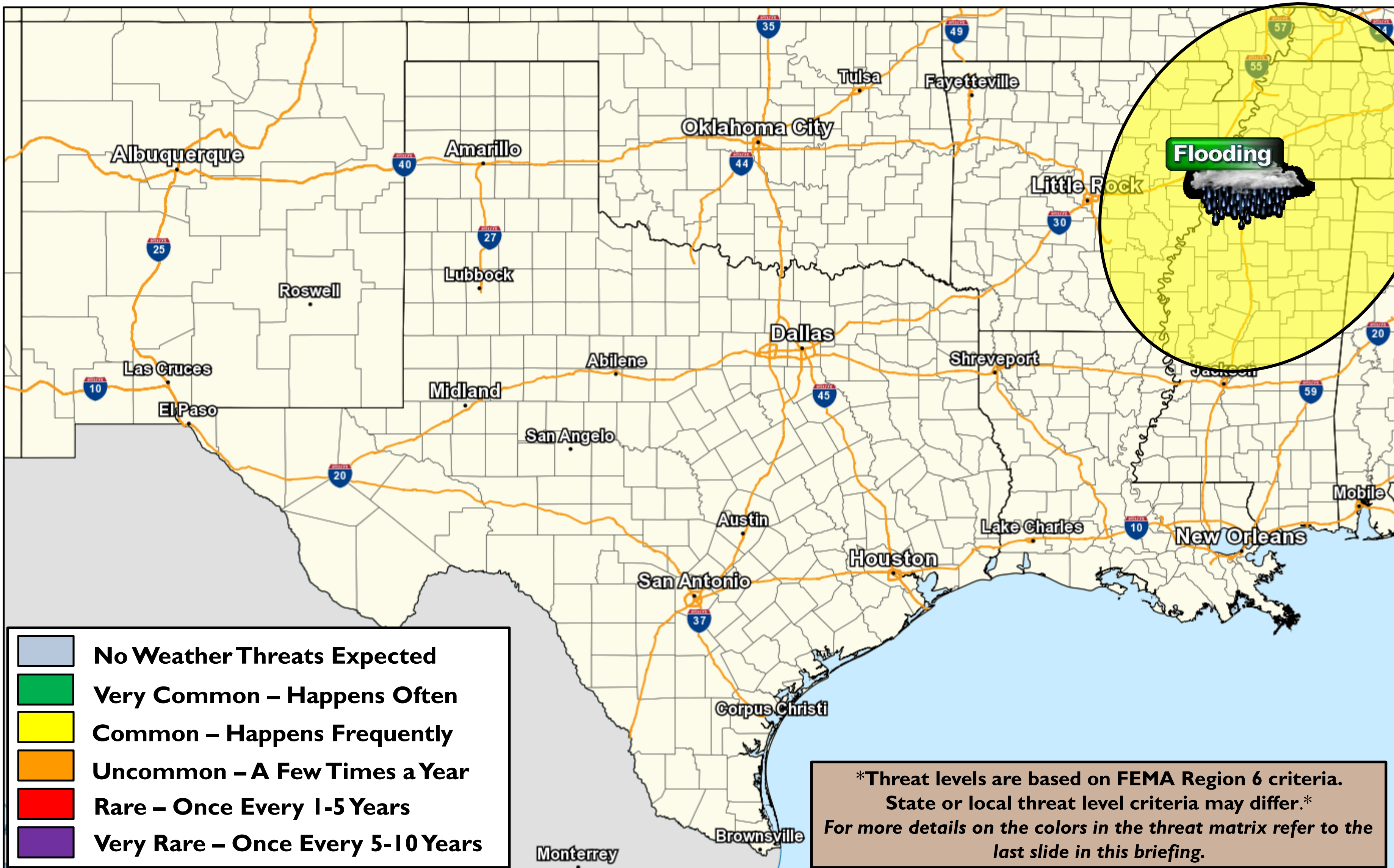
# Days 4-5 Weather Hazards

Tuesday - Wednesday



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Isolated heavy rain/flash flood potential continues for E AR Tuesday.



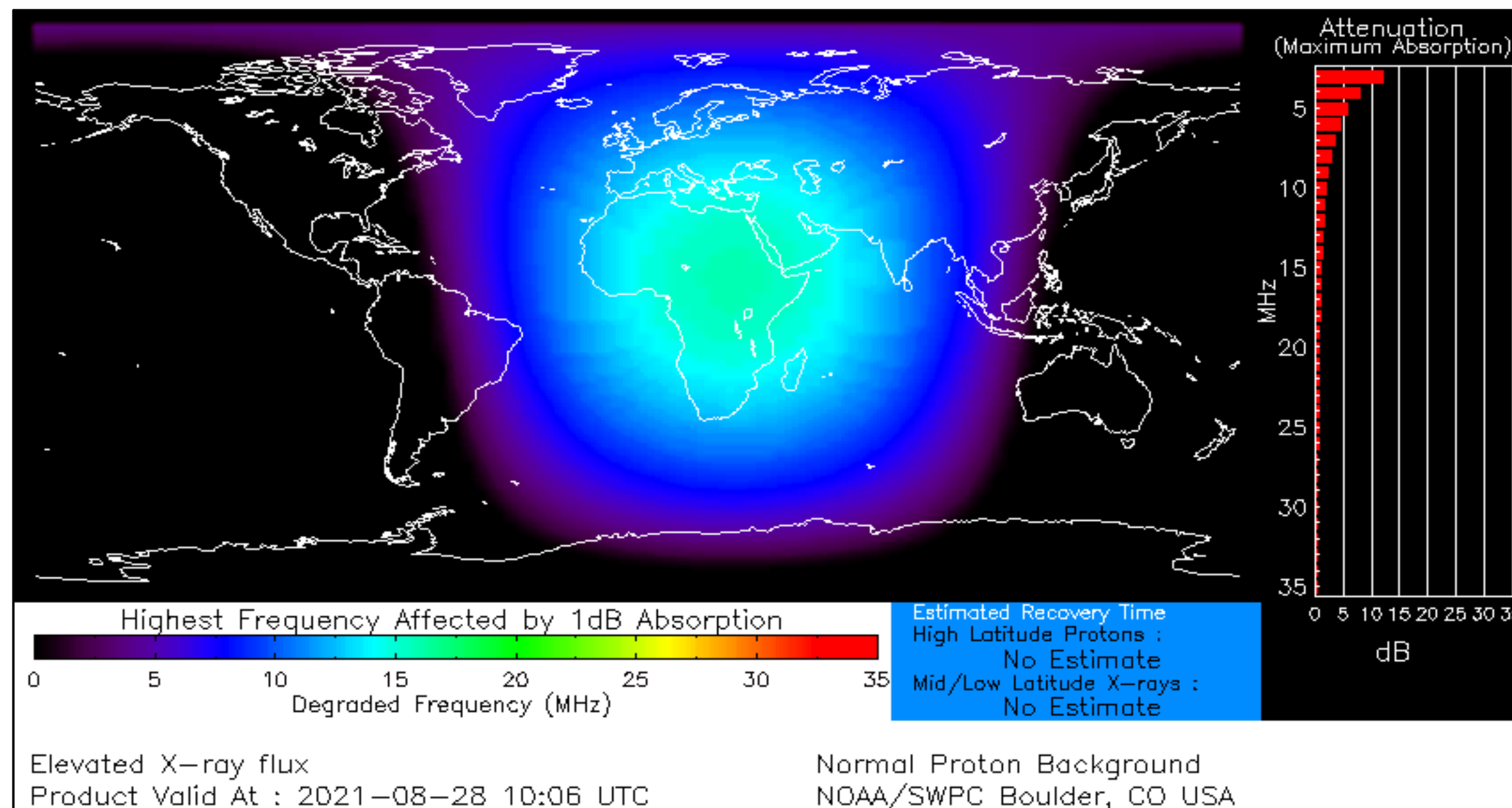


# Space Weather 3-Day Forecast



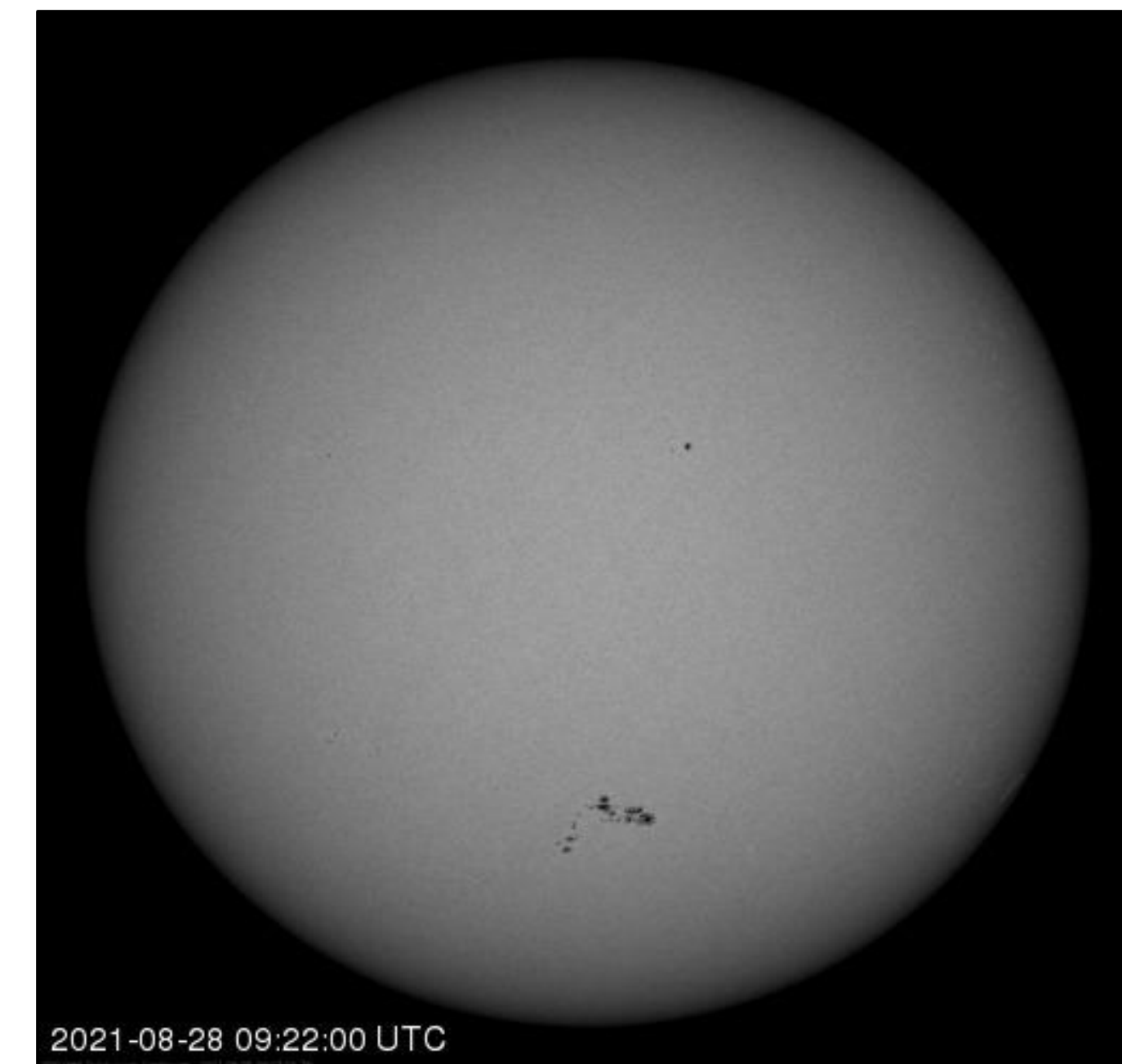
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	Saturday	Sunday	Monday
<b>Geomagnetic Storms</b>	<b>Quiet (Max Kp = 2)</b>	<b>Minor (G1) Storm (Max Kp = 5)</b>	<b>Unsettled (Max Kp = 3)</b>
<b>Solar Radiation Storm (S1-S5)</b>	1%	1%	1%
<b>Radio Blackout (R1-R2)</b>	15%	15%	15%
<b>Radio Blackout (R3-R5)</b>	1%	1%	1%



[Click here for a  
Description of the Space  
Weather Storm Scales](#)

[Click here for the Latest  
3-Day Space Weather  
Forecast Text](#)







# For more information, please contact:

**National Weather Service**  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX

Phone: (682) 703-3747

E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)

Web: <http://www.weather.gov/srh>





Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**